

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 70431-08-2 REGISTRY
 CN Acetylglucosamine-1-phosphotransferase, uridine diphosphoacetylglucosamine-dolichyl phosphate (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Chitobiosylpyrophosphoryldolichol synthase
 CN Dolichol phosphate acetylglucosamine-1-phosphotransferase
 CN Dolichol phosphate N-acetylglucosamine-1-phosphotransferase
 CN Dolichyl phosphate N-acetylglucosamine-1-phosphotransferase
 CN E.C. 2.7.8.15
 CN N-Acetylglucosaminylpyrophosphoryldolichol synthase
 CN UDP-acetylglucosamine-dolichol phosphate acetylglucosamine phosphotransferase
 CN UDP-acetylglucosamine-dolichol phosphate acetylglucosamine-1-phosphotransferase
 CN UDP-N-Acetylglucosamine:dolichyl phosphate N-acetylglucosaminyl 1-phosphotransferase
 CN Uridine diphosphate N-acetylglucosamine:dolichol phosphate N-acetylglucosamine phosphate transferase
 MF Unspecified
 CI MAN
 LC STN Files: BIOSIS, CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PROC (Process); USES (Uses)
 RL.NP Roles from non-patents: BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
 *** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 125 REFERENCES IN FILE CA (1907 TO DATE)
 125 REFERENCES IN FILE CAPLUS (1907 TO DATE)

NiceZyme View of ENZYME: EC 2.7.8.15

Official Name	
UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylglucosaminephosphotransferase.	
Alternative Name(s)	
N-acetylglucosamine-1-phosphate transferase. GlcNAc-1-P transferase.	
Reaction catalysed	
UDP-N-acetyl-D-glucosamine + dolichyl phosphate <=> UMP + N-acetyl-D-glucosaminyl-diphosphodolichol	
Cross-references	
Biochemical Pathways; map number(s)	R5
BRENDA	2.7.8.15
EMP/PUMA	2.7.8.15
WIT	2.7.8.15
Kyoto University LIGAND chemical database	2.7.8.15
IUBMB Enzyme Nomenclature	2.7.8.15
IntEnz	2.7.8.15
MEDLINE	Find literature relating to 2.7.8.15
Swiss-Prot	P24140, GPT_CRIGR ; P23338, GPT_CRILO ; Q9H3H5, GPT_HUMAN ; P42864, GPT_LEIAM ; P42867, GPT_MOUSE ; P42881, GPT_SCHPO ; P39465, GPT_SULAC ; P96000, GPT_SULSO ; P07286, GPT_YEAST ;

[View entry in original ENZYME format](#)

All Swiss-Prot entries referenced in this entry, with possibility to download in different formats, align etc.

All ENZYME/Swiss-Prot entries corresponding to 2.7.8.- [new](#)

All ENZYME/Swiss-Prot entries corresponding to 2.7.-

All ENZYME/Swiss-Prot entries corresponding to 2.-